Current Time: 5:00 AM

OAK RIDGE NATIONAL LABORATORY
Managed by UT-Battelle for the Department of Energy

Daily Summary Report

Site: Tower "C" (1000 Area)

10/18/2013

Interval: 001h

	01_TempC_10m	02_TempC_30m	03_TempC_100m	07_VTGrad30	08_VTGrad100	09_DewPtC_10m	11_SoilTempC	12_RH	13_AbsHum gm3
Hour	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	PERCENT	G/M3
00:00	9.0	9.7	10.2	.7	1.2	8.5	17.7	97.6	8.5
01:00	8.6	9.3	9.8	.7	1.2	8.1	17.3	97.6	8.3
02:00	8.1	8.8	9.5	.7	1.4	7.6	16.9	97.6	8.0
03:00	7.5	8.4	9.0	.9	1.5	7.0	16.5	97.6	7.8
04:00	7.1	8.5	8.6	1.4	1.5	6.6	16.2	97.6	7.6
05:00	7.1	8.1	8.3	1.0	1.2	6.6	15.8	97.6	7.5
06:00	7.1	7.4	7.5	.3	.4	6.7	15.5	97.7	7.6
07:00	7.8	7.7	7.4	.0	-.4	7.3	15.3	97.7	7.9
08:00	8.9	8.7	8.2	-.1	-.7	8.4	15.2	97.8	8.5
09:00	9.9	9.6	8.7	-.3	-1.2	9.4	15.2	97.9	9.0
10:00	11.7	10.9	10.2	-.8	-1.5	10.9	15.4	96.2	9.9
11:00	13.8	13.3	12.3	-.5	-1.5	8.6	15.9	71.9	8.5
12:00	14.9	14.4	13.7	-.5	-1.2	7.7	16.3	62.8	7.9
13:00	15.9	15.3	14.7	-.5	-1.2	7.5	16.9	58.2	7.8
14:00	16.4	16.0	15.3	-.5	-1.1	7.1	17.6	54.9	7.6
15:00	16.9	16.5	15.6	-.4	-1.3	7.1	18.0	53.2	7.6
16:00	17.1	16.7	16.2	-.4	-.9	6.9	18.3	52.0	7.5
17:00	16.9	16.8	16.0	-.1	-.9	8.1	18.5	57.3	8.2
18:00	14.4	15.4	15.6	1.1	1.2	10.9	18.5	81.4	9.9
19:00	12.3	13.7	14.4	1.4	2.1	10.8	18.3	92.2	9.9
20:00	11.4	12.2	13.0	.8	1.6	10.6	17.9	96.2	9.8
21:00	10.5	11.2	12.2	.7	1.7	10.0	17.5	97.5	9.4
22:00	9.9	10.7	11.5	.8	1.6	9.4	17.1	97.6	9.0
23:00	9.9	10.3	11.0	.4	1.2	9.3	16.7	97.6	9.0
Avg	11.4	11.7	11.6	.3	.2	8.4	16.9	85.2	8.4
Max	17.1	16.8	16.2	1.4	2.1	10.9	18.5	97.9	9.9
Hr. of Max	16	17	16	19	19	18	18	09	19
Min	7.1	7.4	7.4	-.8	-1.5	6.6	15.2	52.0	7.5
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	14_Mix Ratio	15_Vapor Pr	17_Precip_In	19_BP	22_Solar_Rad	23_WDir_10m	24_WDir_30m	25_WDir_100m	29_Sigma_10m
Hour	None	KPa	INCHES	INHG	W/M2	DEG	DEG	DEG	DEG
00:00	0.00709	11.1	.00	29.06	-2.4	328	37	60	11
01:00	0.006895	10.8	.00	29.05	-2.4	327	53	45	3
02:00	0.006671	10.4	.00	29.05	-2.5	331	44	41	5
03:00	0.006423	10.1	.00	29.05	-2.7	304	38	35	4
04:00	0.006247	9.8	.00	29.06	-2.8	269	348	24	6
05:00	0.006213	9.7	.00	29.07	-2.8	334	46	23	4
06:00	0.00625	9.8	.00	29.07	-2.8	33	56	44	11
07:00	0.006517	10.2	.00	29.08	-1.5	342	16	46	17
08:00	0.007027	11.0	.00	29.10	32.8	333	18	38	28
09:00	0.007522	11.8	.00	29.11	139.3	12	28	34	37
10:00	0.00836	13.1	.00	29.12	396.9	36	37	35	34
11:00	0.007169	11.2	.00	29.12	466.0	80	73	58	24
12:00	0.006739	10.6	.00	29.11	625.4	66	60	57	28
13:00	0.006637	10.4	.00	29.08	633.5	109	108	91	20
14:00	0.006486	10.2	.00	29.06	532.4	101	100	88	15
15:00	0.006486	10.2	.00	29.05	396.6	92	85	77	17
16:00	0.006421	10.0	.00	29.04	329.6	97	104	103	20
17:00	0.006981	10.9	.00	29.03	179.2	225	192	68	13
18:00	0.008417	13.1	.00	29.03	39.7	298	257	117	4
19:00	0.008337	13.0	.00	29.03	-1.3	313	27	118	4
20:00	0.008224	12.8	.00	29.03	-2.0	334	47	337	6
21:00	0.007861	12.3	.00	29.04	-2.2	303	111	10	4
22:00	0.007541	11.8	.00	29.05	-2.1	298	11	346	4
23:00	0.007524	11.8	.00	29.05	-1.8	358	51	31	6
Avg	0.007085	11.1	.00	29.06	155.9	351	52	50	14
Max	0.008417	13.1	.00	29.12	633.5	358	348	346	37
Hr. of Max	18	18	23	11	13	23	04	22	09
Min	0.006213	9.7	.00	29.03	-2.8	12	11	10	3
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	30_Sigma_30m	31_Sigma_100m	35_WSpd_10m	36_WSpd_30m	37_WSpd_100m	44_PkWd_10m	45_PkWd_30m	46_PkWd_100m
Hour	DEG	DEG	MPH	MPH	MPH	MPH	MPH	MPH
00:00	9	3	.6	.9	2.1	2.1	2.0	4.4
01:00	7	3	.4	.7	5.4	1.8	1.8	8.5
02:00	5	1	.3	.7	6.3	1.8	1.8	12.1
03:00	6	2	.6	1.0	6.5	2.3	2.0	9.8
04:00	20	8	.8	1.2	5.1	3.0	2.1	11.4
05:00	18	7	.3	.8	4.3	2.3	1.8	7.6
06:00	8	2	.7	2.2	4.7	2.5	6.9	7.6
07:00	20	3	1.2	3.1	6.0	3.2	6.6	12.1
08:00	22	7	1.1	2.8	5.8	4.8	6.9	13.7
09:00	23	10	1.7	3.4	6.3	6.4	9.8	11.9
10:00	28	12	2.5	4.0	6.1	8.7	10.8	15.1
11:00	16	12	5.5	6.4	5.9	12.8	13.7	21.1
12:00	22	10	4.3	4.8	5.0	12.1	17.9	17.6
13:00	22	19	4.0	4.2	4.1	10.1	11.2	10.1
14:00	16	15	4.4	4.5	4.7	9.6	9.6	9.8
15:00	15	17	4.0	4.0	3.5	11.4	12.1	11.7
16:00	15	24	2.7	2.7	2.2	7.8	6.6	6.9
17:00	17	24	1.3	1.2	1.1	4.6	4.4	5.3
18:00	4	3	1.0	1.2	1.4	2.1	1.8	3.2
19:00	14	8	.8	.7	.6	3.2	2.7	5.0
20:00	11	9	.6	1.0	4.5	1.6	2.2	8.5
21:00	5	26	.7	1.1	5.0	2.1	2.4	11.4
22:00	7	21	.7	1.0	2.1	2.5	2.5	4.8
23:00	3	2	.7	1.0	2.3	1.8	2.5	6.4
Avg	14	10	1.7	2.3	4.2	5.0	5.9	9.8
Max	28	26	5.5	6.4	6.5	12.8	17.9	21.1
Hr. of Max	10	21	11	11	03	11	12	11
Min	3	1	.3	.7	.6	1.6	1.8	3.2
Count	24	24	24	24	24	24	24	24
Total								